CLAIMS:

- 1. (Canceled)
- 2. (Canceled)
- 3. (Previously Presented): A loudspeaker according to claim 34, wherein the vibration exciting system is adapted to apply shear to the panel-form member.
- 4. (Canceled)
- 5. (Canceled)
- 6. (Canceled)
- 7. (Previously Presented): A loudspeaker according to claim 34, wherein the vibration exciting system comprises a piezoelectric device attached to the panel-form member to apply a bending couple thereto by introducing alternating tension and compression to the panel-form member in the plane thereof.
- 8. (Original): A loudspeaker according to claim 7, wherein the piezoelectric device is attached to a face of the panel-form member.
- 9. (Previously Presented): A loudspeaker according to claim 8, comprising mirror-image piezoelectric devices attached to opposite faces of the panel-form member.
- 10. (Previously Presented): A loudspeaker according to claim 7, wherein the piezoelectric device has a portion disposed adjacent to the suspension, and a portion disposed remotely from the suspension.
- 11. (Previously Presented): A loudspeaker according to claim 7, wherein the piezoelectric device is a thin strip-like device fixed to the panel-form member by adhesive.

- 12. (Previously Presented): A loudspeaker according to claim 7, wherein the piezoelectric device is a unimorph device.
- 13. (Original): A loudspeaker according to claim 12, wherein the unimorph device comprises opposed parts arranged such that one part increases in length while the other part contracts.
- 14. (Previously Presented): A loudspeaker according to claim 34 or claim 7, wherein the panel-form member is transparent.
- 15. (Previously Presented): A loudspeaker according to claim 14, wherein the piezoelectric device is transparent.
- 16. (Previously Presented): A loudspeaker according to claim 7, wherein the piezoelectric device is of PZT.
- 17. (Previously Presented): A loudspeaker according to claim 34, wherein the vibration exciting system comprises an inertial device.
- 18. (Original): A loudspeaker according to claim 17, wherein the inertial device comprises an inertial mass rigidly fixed to the panel-form member to form a suspension pivot.
- 19. (Original): A loudspeaker according to claim 17, wherein the inertial device is an inertial vibration exciter.
- 20. (Original): A loudspeaker according to claim 19, comprising opposed inertial vibration exciters on opposite sides of the panel-form member.
- 21. (Previously Presented): A loudspeaker according to claim 19, comprising an additional inertial vibration exciter on the panel-form member and coupled to the first said inertial vibration exciter in anti-phase to damp unwanted whole body movement of the panel-form member.

- 22. (Canceled)
- 23. (Canceled)
- 24. (Canceled)
- 25. (Canceled)
- 26. (Canceled)
- 27. (Canceled)
- 28. (Canceled)
- 29. (Canceled)
- 30. (Canceled)
- 31. (Canceled)
- 32. (Canceled)
- 33. (Canceled)
- 34. (currently amended): A loudspeaker comprising:
 - a panel-form member mounted on a suspension; and
 - a vibration exciting system mounted on the panel-form member;

the <u>vibration-exciter</u> <u>vibration exciting system</u> being adapted to apply bending wave energy to the panel-form member and cause resonance, thereby producing an acoustic output;

wherein the suspension acts as a pivot, thereby supporting the panel-form member in a simple fashion and causing nodal lines corresponding to the resonance of the panel-form member to move towards an edge of the member as compared to a generally corresponding but resiliently or freely edge-suspended panel-form member;

the vibration exciter vibration exciting system being positioned so as to bridge across several of said nodal lines.

- 35. (Previously Presented): A loudspeaker according to claim 34, wherein said suspension comprises a high shear stiffness material.
- 36. (Previously Presented): A loudspeaker according to claim 35, wherein said suspension comprises high shear stiffness foam plastics material.

- 37. (currently amended): A loudspeaker according to claim 34, claim 35 or claim 36, wherein the suspension acts as a pivot only in the region local to the exciter vibration exciting system.
- 38. (currently amended): A loudspeaker according to claim 37, wherein the suspension in regions other than the region local to the exciter vibration exciting system is resilient.
- 39. (currently amended): A loudspeaker according to claim 38, wherein the suspension in regions other than the region local to the exciter vibration exciting system is soft foam material.